

File 347:JAPIO Nov 1976-2004/Jan(Updated 040506)
 (c) 2004 JPO & JAPIO
 File 350:Derwent WPIX 1963-2004/UD,UM &UP=200432
 (c) 2004 Thomson Derwent
 File 348:EUROPEAN PATENTS 1978-2004/May W03
 (c) 2004 European Patent Office
 File 349:PCT FULLTEXT 1979-2002/UB=20040520,UT=20040513
 (c) 2004 WIPO/Univentio

Set	Items	Description
S1	11	AU='MELICK B D':AU='MELICK BRUCE D LIGHTWAVE SYSTEMS'
S2	20	AU='SNYDER D'
S3	16	AU='SNYDER D M'
S4	7	AU='SNYDER DAVID'
S5	2	AU='SNYDER DAVID M':AU='SNYDER DAVID M LIGHTWAVE SYSTEMS'
S6	9	AU='BAYCH L':AU='BAYCH L D'
S7	3	AU='BAYCK L D':AU='BAYCK LESLIE D LIGHTWAVE SYSTEMS'
S8	11	S1 AND S2:S7
S9	45	S1:S7
S10	4224	LINEAR(3W) (DATA OR DATABASE?)
S11	1	S9 AND S10
S12	11	S8 OR S11

? t12/ti/all

12/TI/1 (Item 1 from file: 350)
 DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Location determining apparatus for e.g. aircraft or land vehicle, has processor being connected to two receivers for computing location of vehicle unit from pulsed location data and distinct time and position data

12/TI/2 (Item 2 from file: 350)
 DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data transmitting method, involves representing data using pulse based on Gaussian wave form, sending pulse over electrically conductive guided media, and recovering data from pulse

12/TI/3 (Item 3 from file: 350)
 DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data transmitting method for telephony application, involves representing data using pulse based on gaussian waveform, sending pulse over electrically conductive guided media and recovering data from pulse

12/TI/4 (Item 4 from file: 350)
 DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Electronic data interchanging method for business-consumer transaction application, involves decoding, caching and parsing coded information and stripping data tags in electronic document

12/TI/5 (Item 5 from file: 350)
 DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Bar code data interchange system for law enforcement applications,
communicates information scanned from video-displayed bar code among
networked host terminals

12/TI/6 (Item 6 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data transmission method through optical cable for computer, involves
transforming received bits of data into light pulses having pulse
duration corresponding to data bits

12/TI/7 (Item 7 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Data routing method involves comparing geographic positions of node and
PDA to select recipient based on geographic proximity of recipient to PDA

12/TI/8 (Item 8 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Equipment inspection records maintenance method for government agency,
involves updating equipment data stored in host computer based on
inspection result of selected equipment

12/TI/9 (Item 9 from file: 350)
DIALOG(R)File 350:(c) 2004 Thomson Derwent. All rts. reserv.

Global positioning system receiver position determining system for
tracking and recording position of aircraft, land vehicles, calculates
navigation result of data signal identified by signal identifier

12/TI/10 (Item 1 from file: 348)
DIALOG(R)File 348:(c) 2004 European Patent Office. All rts. reserv.

HIGH BANDWIDTH DATA TRANSPORT SYSTEM
SYSTEME DE TRANSPORT DE DONNEES A LARGE BANDE PASSANTE

12/TI/11 (Item 1 from file: 349)
DIALOG(R)File 349:(c) 2004 WIPO/Univentio. All rts. reserv.

HIGH BANDWIDTH DATA TRANSPORT SYSTEM
SYSTEME DE TRANSPORT DE DONNEES A LARGE BANDE PASSANTE
? t12/9/6;t11/5/10-11

12/9/6 (Item 6 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2004 Thomson Derwent. All rts. reserv.

014762196
WPI Acc No: 2002-582900/200262
XRPX Acc No: N02-462281

Data transmission method through optical cable for computer, involves
transforming received bits of data into light pulses having pulse
duration corresponding to data bits

Patent Assignee: BAYCH L D (BAYC-I); MELICK B D (MELI-I); SNYDER D M (SNYD-I)

Inventor: BAYCH L D ; MELICK B D ; SNYDER D M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 20020076193	A1	20020620	US 2000190832	A	20000321	200262 B
			US 2001812545	A	20010320	

Priority Applications (No Type Date): US 2000190832 P 20000321; US 2001812545 A 20010320

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020076193	A1	9	G02B-006/00	Provisional application US 2000190832

Abstract (Basic): US 20020076193 A1

NOVELTY - Digital bit of data are received from a memory. The received bit of data is transformed into a transmission light pulse having pulse duration selected from predetermined pulse durations corresponding to the bit of data. The light pulses are transmitted through fiber optic cable.

DETAILED DESCRIPTION - INDEPENDENT CLAIMS are included for the following:

- (1) Method of transmitting data over radio frequencies;
- (2) Method of transmitting data from discharge antenna;
- (3) Data transmission system;
- (4) Method of storing data on fiber optic cable; and
- (5) Method of storing data on optical storage medium.

USE - For transmitting data through optical cable for use in computers.

ADVANTAGE - Since the data is transmitted by varying pulse duration, large amount of data is processed and transmitted efficiently.

pp; 9 DwgNo 0/0

Title Terms: DATA; TRANSMISSION; METHOD; THROUGH; OPTICAL; CABLE; COMPUTER; TRANSFORM; RECEIVE; BIT; DATA; LIGHT; PULSE; PULSE; DURATION; CORRESPOND; DATA; BIT

Derwent Class: P81; V07; W01; W02

International Patent Class (Main): G02B-006/00

File Segment: EPI; EngPI

Manual Codes (EPI/S-X): V07-F01A1; W01-A; W02-A

>>>Item 10 is not within valid item range for file 349

? t12/5/10-11

12/5/10 (Item 1 from file: 348)

DIALOG(R)File 348:EUROPEAN PATENTS

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01683546

HIGH BANDWIDTH DATA TRANSPORT SYSTEM

SYSTEME DE TRANSPORT DE DONNEES A LARGE BANDE PASSANTE

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PATENT (CC, No, Kind, Date): WO 2003094461 031113
APPLICATION (CC, No, Date): EP 2003724414 030430; WO 2003US13818 030430
PRIORITY (CC, No, Date): US 376952 P 020430; US 698793 030120
DESIGNATED STATES: AT; BE; BG; CH; CY; CZ; DE; DK; EE; ES; FI; FR; GB; GR;
HU; IE; IT; LI; LU; MC; NL
EXTENDED DESIGNATED STATES: AL; LT; LV; MK
INTERNATIONAL PATENT CLASS: H04L-027/00
LEGAL STATUS (Type, Pub Date, Kind, Text):
Application: 040114 A1 International application. (Art. 158(1))
Application: 040114 A1 International application entering European
phase
LANGUAGE (Publication,Procedural,Application): English; English; English

12/5/11 (Item 1 from file: 349)
DIALOG(R)File 349:PCT FULLTEXT
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01064310 **Image available**

HIGH BANDWIDTH DATA TRANSPORT SYSTEM

SYSTEME DE TRANSPORT DE DONNEES A LARGE BANDE PASSANTE

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200394461 A1 20031113 (WO 0394461)

Application: WO 2003US13818 20030430 (PCT/WO US0313818)

Priority Application: US 2002376952 20020430; US 2003698793 20030120

Designated States: AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU
CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PH PL PT
RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Main International Patent Class: H04L-027/00

Publication Language: English

Filing Language: English

Fulltext Availability:

Detailed Description

Claims

Fulltext Word Count: 22353

English Abstract

The present invention provides for a methods, system, and apparatus relating (1500) to data transmission. One method of the present invention includes representing data using at least one pulse based on a Gaussian wave form, sending the at least one pulse over an electrically conductive guided media, and recovering the data from the at least one pulse. The present invention can be used in conjunction with telephony applications, cable TV applications, and data bus applications.

French Abstract

L'invention concerne un procede, un systeme et un appareil (1500) relatifs a la transmission de donnees. Le procede selon l'invention consiste a représenter des donnees au moyen d'au moins une impulsion fondee sur une forme d'onde gaussienne, a envoyer cette impulsion sur un support a guide electriquement conducteur et a recuperer les donnees a partir de l'impulsion. Les procede, systeme et appareil selon l'invention peuvent etre mis en oeuvre conjointement avec des applications de telephonie, des applications de TV par cable et des applications de bus de donnees.

Legal Status (Type, Date, Text)

Publication 20031113 A1 With international search report.

Examination 20031218 Request for preliminary examination prior to end of 19th month from priority date

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